

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("3549937" "4879493" "5905339").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/11 14:45
L2	4	("3549937" "4879493" "5905339").pn.	USPAT; USOCR	OR	ON	2008/03/11 14:45
S1	768	(low and pressure and discharge adj lamp) AND (mercury Hg fluorescent filament electrode nickel ruthenium tungsten) AND (wire with diameter)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 10:42
S2	515	S1 AND @ad<"20040129"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 10:37
S3	429	S1 AND @ad<"20040129"	USPAT; USOCR	OR	ON	2007/09/24 10:38
S4	66	S3 AND ((second adj electrode\$1) (additional adj electrode\$1) (further adj electrode\$1))	USPAT; USOCR	OR	ON	2007/09/25 06:56
S5	45	(low adj pressure adj discharge adj lamp) AND (mercury Hg fluorescent filament electrode nickel ruthenium tungsten) AND (wire with diameter)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 10:53
S6	7	S5 AND ((second adj electrode\$1) (additional adj electrode\$1) (further adj electrode\$1)(more adj electrode\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 10:49
S7	700	(low adj pressure adj discharge adj (lamp or lite or light or device or apparatus))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 10:56
S8	1115079	(mercury Hg fluorescent nickel ruthenium tungsten filament)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 10:58
S9	629	S7 AND S8	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 13:15
S10	494	S9 AND @ad<"20040129"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 10:59
S11	58	S10 AND ((second adj electrode \$1) (further adj electrode\$1) (additional adj electrode\$1) (more adj electrode\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 11:01
S12	700	(low adj pressure adj discharge adj (lamp or lite or light or device or apparatus))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 13:17
S13	1115079	(mercury Hg fluorescent nickel ruthenium tungsten filament)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 13:17
S14	629	S12 AND S13	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 13:17
S15	13	S14 AND (electrode adj extend \$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 13:31

S16	0	S15 AND (electrode near20 percent)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 13:19
S17	13	S14 AND (wire adj diameter)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 14:39
S18	768	(low and pressure and discharge adj lamp) AND (mercury Hg fluorescent filament electrode nickel ruthenium tungsten) AND (wire with diameter)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 15:31
S19	63	S18 and ((separation with (electrode near\$10 filament)) ("filament gap") ("electrode gap"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 15:08
S20	48	S19 and @ad< "20040129"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 15:08
S21	45	(low adj pressure adj discharge adj lamp) AND (mercury Hg fluorescent filament electrode nickel ruthenium tungsten) AND (wire with diameter)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 15:32
S22	696	(low adj pressure adj discharge adj (lamp light lite device))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 15:42
S23	21421	((electrode adj gap) (filament adj gap) ("gap between electrodes") ("space between electrodes") ("gap between electrode and filament")("space between electrode and filament")("distance between electrode\$1") ("distance between filament and electrode"))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 15:50
S24	13	S22 and S23	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/25 06:06
S25	0	S22 and S23	JPO	OR	ON	2007/09/24 15:48
S26	0	S22	JPO	OR	ON	2007/09/24 15:48
S27	334	(low adj pressure adj discharge)	JPO	OR	ON	2007/09/24 15:49
S28	0	S27 AND ((electrode adj gap) (filament adj gap) ("gap between electrodes")("space between electrodes")("gap between electrode and filament")("space between electrode and filament") ("distance between electrode\$1") ("distance between filament and electrode"))	JPO	OR	ON	2007/09/24 15:51

S29	0	S27 AND ((electrode adj gap) (filament adj gap) ("gap between electrodes")("space between electrodes")("gap between electrode and filament")("space between electrode and filament") ("distance between electrode\$1") ("distance between filament and electrode"))	EPO; JPO; DERWENT	OR	ON	2007/09/24 15:51
S30	1	"3549937".pn.	USPAT	OR	ON	2007/09/25 06:06
S31	5	("3549937").URPN.	USPAT	OR	ON	2007/09/25 06:17
S32	850	((("low pressure discharge") adj (lamp lite light device apparatus))	USPAT; USOCR; JPO	OR	ON	2007/09/25 07:14
S33	32895	((electrode filament) with (gap distance space opening)) same (radius diameter)	USPAT; USOCR; JPO	OR	ON	2007/09/25 06:27
S34	45	S32 AND S33	USPAT; USOCR; JPO	OR	ON	2007/09/25 06:27
S35	768	(low and pressure and discharge adj lamp) AND (mercury Hg fluorescent filament electrode nickel ruthenium tungsten) AND (wire with diameter)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/25 06:58
S36	429	S35 AND @ad<"20040129"	USPAT; USOCR	OR	ON	2007/09/25 06:58
S37	66	S36 AND ((second adj electrode \$1) (additional adj electrode\$1) (further adj electrode\$1))	USPAT; USOCR	OR	ON	2007/09/25 06:58
S38	44	S37 AND ((gap distance space opening) same (radius diameter))	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/09/25 06:59
S39	196	S32 AND ((gap distance space opening) with (electrode anode cathode filament))	USPAT; USOCR; JPO	OR	ON	2007/09/25 07:16
S40	196	S32 AND ((gap distance space opening) with (electrode anode cathode filament))	USPAT; USOCR; JPO	OR	ON	2007/09/25 07:16
S41	0	"4879493".pn. and "3549937".pn. and "5905339".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/25 09:10
S42	18	4879493 3549937 5905339.pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/25 09:11
S43	1	"4879493".pn.	USPAT	OR	ON	2007/09/25 09:13
S44	1	"5905339".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/25 09:14
S45	8	("2341990" "2403184" "2832912" "4463285" "4521718").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/08 09:56
S46	5	("3549937").URPN.	USPAT	OR	ON	2008/03/08 10:06

S47	160951	(low near1 pressure)	USPAT	OR	ON	2008/03/08 10:09
S48	379262	(low near1 pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:09
S49	379262	(low near1 pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:09
S50	726993	lamp	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:09
S51	28195	S49 and S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:09
S52	3018	S51 and filament	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:10
S53	188	S52 and getter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:10
S54	1	S53 and (filament near10 getter near10 (distance diameter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:45
S55	0	S53 and (electrode near10 getter near10 (distance diameter))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:47
S56	13	S53 and ("distance between") near10 electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:49

S57	0	(low near1 pressure near1 lamp) and (("distance between") near10 electrode near20 getter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:57
S58	0	(low near1 pressure near1 lamp) and (("distance between") near40 electrode near40 getter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:57
S59	362	(low near1 pressure near1 lamp) and ("distance between")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:58
S60	3	S59 and ((electrode filament) near20 getter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:59
S61	6	S59 and getter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 10:59
S62	0	313/178.ccls.	USPAT	OR	ON	2008/03/08 11:04
S63	0	(313/178).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/08 11:04
S64	0	(313/178,179,109,185).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/08 11:06
S65	6	("distance between") near5 (electrode filament) near5 getter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/08 11:12
S66	16785	(313/627-643,567,111-117,25- 27,318.01-318.09 439/615,739 445/24,26,29,22).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/08 11:51
S67	712	S66 and low and (electrode filament) and getter	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/08 11:52
S68	172	S67 and (low near1 pressure)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/08 11:53

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